

This listing of the abstract will replace all prior versions of the abstract in the application.
Page 40, change paragraph as follows:

ABSTRACT

Methods and systems for providing cleaning and providing barrier coatings to interior walls ~~surfaces of small diameter metal and composite piping systems in buildings.~~ An entire piping system can be cleaned in one single pass by dry particulates forced by air ~~throughout the building piping system by an external generator,~~ and the entire piping system ~~can be coated in one single pass by a machine also connected exterior to the piping system.~~ Small diameter ~~p~~Pipes can be protected by the effects of ~~from water corrosion, erosion and electrolysis, extending the life of small diameter piping systems such as copper, steel, lead, brass, cast iron piping and piping systems made of composite materials.~~ The invention meets the National Sanitation Foundation standard for products and services that come into contact with potable water, and the American Water Works Association. Coatings can be applied to ~~p~~Pipes having diameters of approximately 3/8" up to approximately 6"~~are treatable, so that entire p~~Piping systems such as potable water lines, natural gas lines, HVAC piping systems, drains ~~lines~~, and fire sprinkler systems in ~~buildings such as single family homes, to smaller walk-up style apartments, to multi floor concrete high-rise hotel/resorts, facilities and office towers, as well as high-rise apartment and condominiums~~ buildings and schools, can be ~~treated, cleaned and coated to pipes within existing walls.~~ The barrier-coating forms an approximately 4 mils or greater covering to the inside of ~~the~~ pipes. Entire ~~b~~Buildings can return to service within approximately 24 to approximately 96 hours ~~depending on the size of the building piping system.~~